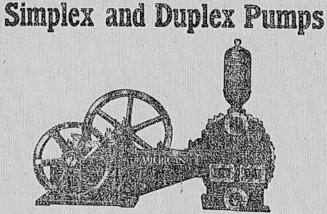
Comparative Estimate



AS A UNIT

a unit the simplex pump is more compact and less complicated than

OPERATION

In the simplex pump there is no balancing of adjustments as in the duplex, and there is always a constant delivery pressure into the accumulator, while in the duplex a constant pressure without a receiver is had at the cost of economy, since the constancy of pressure depends on one piston taking up the water flow where its mate left off, or on the alternating of half strokes.

In the duplex each piston rests half the time, or each side of the pump rests 12 hours per day, recardless of speed, and allows a cylinder condensation, which is a clear waste.

CONSTRUCTION

Duplex pumps have double the number of wearing surfaces found in the simplex, i. e. cylinders, stuffing boxes, glands, rods, valves, etc., and thereby the cost of repairs is, of course, doubled. Likewise is thefriction due to packing and the liability of accidents doubled.

The flat faced slide valves in the duplex pumps adds considerably to the friction loss, and do not wear to a good bearing, as is claimed by the manufacturers.

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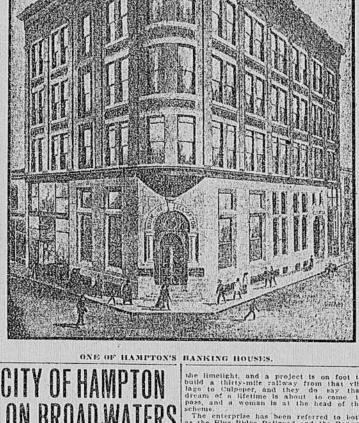
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Leigh H. Raney



we get out of the waters near by have we get out of the waters near by have been to a certain extent Hampton's undoing. From time immemorial our people have found it too easy to make a living. Here we have the waters and those waters are filled with oysters, crabs and fish, and the Lord knows what not. All we have to do is to sink a net and draw it in at the right time and there are our profits. Up to five or maybe ten years ago our folks thought that was the only profit they thought that was the only profit they needed, and they never exerted them-

crabs and our fish are mighty good things to handle, and they afford a lot of employment to good people and make mighty good weekly pay rolls and all that kind of thing, but we are beginning to wonder why we may not add unto these things in very many other ways. And we are going to do it, too."

Manufacturing laterests.

This citizen, and he is a wide-awake and far-seeing kind of a fellow, told me about a young fellow who some years ago went into the foundry and plow-making business in Hampton. At first he looked to the farmers of the Peninsula for all of his trade. Later he struck up with a New York importing and exporting house, and that New York house was quick to catch on to Hampton's superior shipping facilities, its competing rates, etc.

on to Hampton's superior shipping facilities, its competing rates, etc. There is no use in spreading the story out. It is sufficient to say that today this plow-making shop in Hampton is selling all of its output in South America and South Africa. It could not have done this except for Hampton's superb shipping facilities, except for its cheap labor right at hand and except for its many other advantages. Now, if these advantages are so profitable, to the plowmaker, why should not Hampton be a great manufacturing town along other lines? There is no good reason why it should not be. The labor is abundant and cheap, the cost of living is low down as compared with some other ways.

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It am talking now about industries that are native in the transportation facilities and the people invite investors of all good kinds.

Things Natural and Unnatural.

I am talking now about industries that are supposed to be not allogether in the people invite investors of all good kinds.

Things Natural and Unnatural.

I am talking now about industries that are native in the people invite investors of all good kinds.

Things Natural and Unnatural.

I am talking now about industries that are native in the good water fronts nave already made I I ampton famous.

The oyster packing concerns here and there are not less than a dozen of them, the crab fisheries and packing houses, and there are not less than a dozen of them, the crab fisheries and packing houses, and there are many of them, have all combined to make a lampton an industrial town that is above par, and I could go into detail about them, and I intend to do so in another letter, but for the fisheries of other kinds, cotton factories, shirt factories, etc., for instance. The wide-nawke folks here livite such industries of other kinds, cotton factories, shirt factories, etc., for instance. The wide-nawke folks here livite such industries and Aney will back them will not all little of the capital need-to the control of the control

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But Washington, Va., 1s a town, or a village, up in Rappahananock 1s a county which, up to the preson the proposit and Savings Accounts.

We shington, Va., 1s a town, or a village, up in Rappahananock 1s a county which, up to the preson the proposit and Savings Accounts.

We shington, Va., 1s a town, or a village, up in Rappahananock 1s a county which, up to the preson 1s which was a so a mile of railroad within its borders. The people who live in that county when they want to get out in the open make their way as best they can pyer miles of had tousit at Culipper, where they hit the Southern Railway, and then go anywhere they want to get out in the open make their way as best they can pyer miles the view of the very and the proposes to get in the county when they want to get out in the open make their way as best they can pyer miles the propose to get in the county which the preson and the propose to get in the county when they are they are they have they want to get out in the open make their way as best they can pyer miles the propose to get in the county which the south the propose to get out in the open make their way as best they can pyer miles the propose the propose the propose to get in the propose the pro

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